

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01054LA

*This Certificate issued to* Department of the Navy  
NAVAIRSYSCOM PMA-207  
469900 Hinkle Circle, Bldg. 419  
Patuxent River, MD 20670

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 the Federal Aviation Regulations.*

*Original Product Type Certificate Number:* A18SW

*Make:* Fairchild Aircraft, Inc.

*Model:* SA227-DC (C-26B)

*Description of Type Design Change:* Modification for external aft belly radome, radar mounting assembly, and electrical power interface for Litton search radar P/N 10-36400-02 in accordance with FAA approved ATS Master Data List 2056, Revision J, dated May 1, 2001 or later FAA approved revision. ATS FAA Approved Airplane Flight Manual Supplement Number 2037 to the Fairchild SA227-DC (C-26B) Flight Manual, dated July 13, 2001 or latter approved revision is required with this installation.

*Limitations and Conditions:* The installation defines modification for external aft belly radome, radar mounting assembly, and electrical power interface for Litton search radar P/N 10-36400-02 and should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. (See Continuation Sheet 3 for applicable operating limitations).

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* June 7, 1999

*Date reissued:* April 15, 2002; Jan. 30, 2003

*Date of issuance:* August 8, 2001

*Date amended:*



*By direction of the Administrator*

*Carlton K. Woo*  
(Signature)

Manager, Tech. and Administrative Support  
Staff, Los Angeles Aircraft Certification Office

(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA01054LA

Date of Application: June 7, 1999  
Date of Issuance: August 8, 2001  
Date Amended:  
Date Reissued: April 15, 2002  
Jan. 30, 2003

## Limitations and Conditions (Cont'd):

### Center of Gravity Limits

Aft Limit: 273.0 inches aft of datum at all weights.

### Kinds of Operation

Flight into known icing not permitted.

Maximum crosswind component 18 knots.

Flight with missing vortex generators prohibited.

### Note:

This modification has been determined/demonstrated not to increase the noise level and is not considered an "acoustical change" as defined in Paragraph 21.93(b), Amendment 21-75 of the Federal Aviation Regulations.

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